

Message

From: Delgado, Paige [Delgado.Paige@epa.gov]
Sent: 3/23/2019 11:41:09 AM
To: R6 Daily Ops [R6_Daily_Ops@epa.gov]
Subject: R6 Daily Ops Report (3/22/2019) -No New Significant Events; Update - ITC Tank Fire, Deer Park, Harris Co., Texas

R6 Daily Ops Status Report

Current Status(7:36 AM EST on 3/23/2019)

Report Activities(3/22/2019 to 3/22/2019)

| Personnel | |
|------------------|-----------|
| R1: | Bernier |
| Tel Duty: | P Delgado |

Outposted OSC's

| | | |
|-------------|--------|--|
| Houston, TX | Zehner | |
|-------------|--------|--|

Available OSC's

| | | |
|-----------|-----------|-----------|
| A Adams | Bernier | E Delgado |
| Enders | Fisher | Guidry |
| Hayes | Loesel | Martin |
| Mason | McAteer | Moore |
| P Adams | P Delgado | Patel |
| Robertson | Rouse | |

Unavailable OSC's

| | |
|---------|------|
| Brescia | Fife |
|---------|------|

Spill Notifications

| | | | | | Total Spills: 12 |
|-------|-----|-----|-----|-------|------------------|
| State | Oil | Haz | Rad | Other | |
| AR | 0 | 0 | 0 | 0 | 0 |
| LA | 0 | 0 | 0 | 0 | 0 |
| NM | 0 | 0 | 0 | 0 | 0 |
| OK | 0 | 1 | 0 | 0 | 1 |
| TX | 6 | 4 | 0 | 0 | 0 |

Regional Spot Reports

| | | | | | |
|---------------------|--|-----------------------|---------------|------------------------|--|
| Date: | 3/22/2019 | Watch Officer: | Paige Delgado | Media Interest: | |
| Event Title: | Intercontinental Terminals Company (ITC) Fire Special Update | | | | |

Overview: Intercontinental Terminals Company (ITC) Fire Special Update
Deer Park, Texas
March 22, 2019 1200 – March 22, 2019 1600

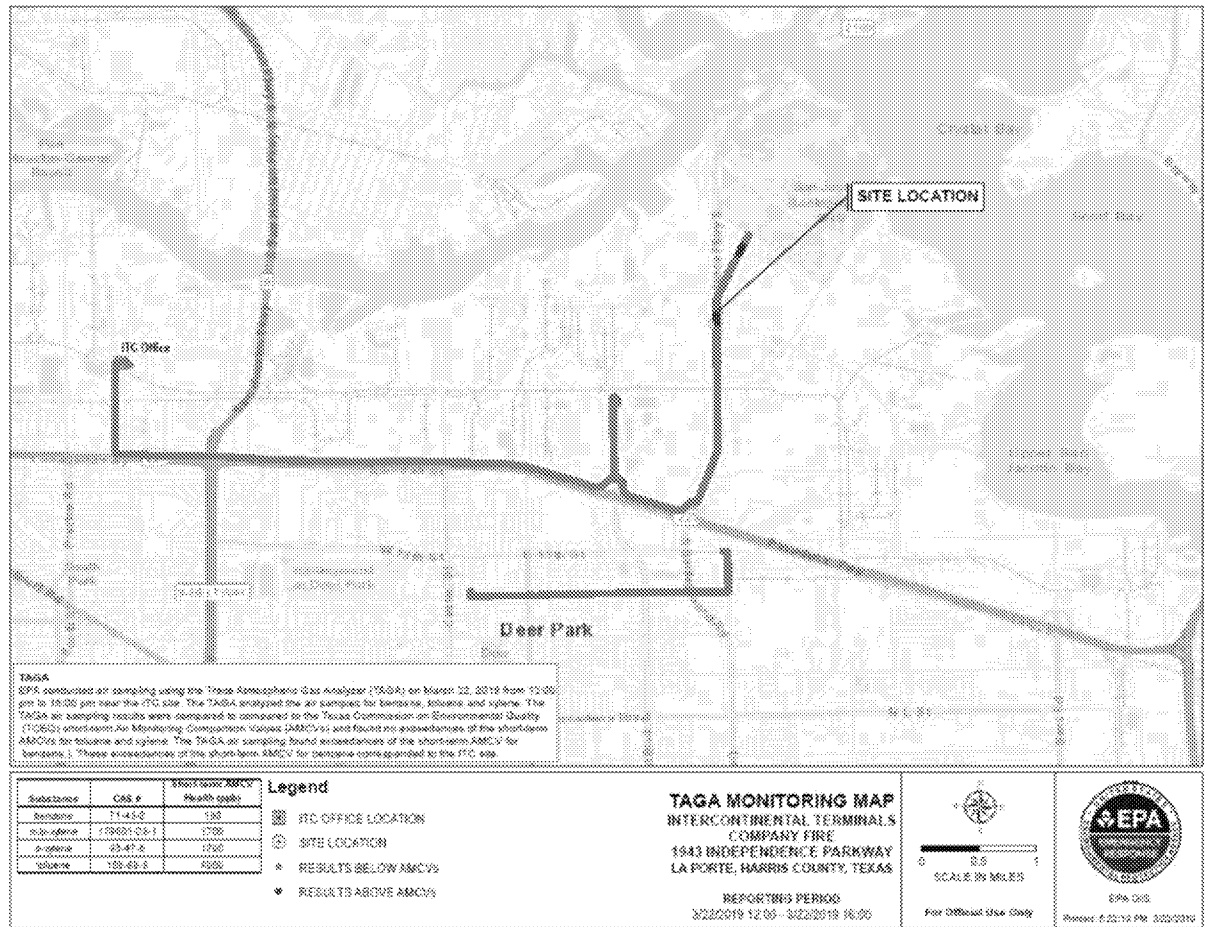
- At approximately 3:40 pm on March 22, 2019 three tanks reignited. The fire spread from the containment area through the breached containment wall into the ditch on Tidal Road. Foam was applied to the tanks and the ditch to fight the fire. A shelter in place recommendation was in effect for industrial neighbors, the Battleship Texas and Monument State Park. There was no shelter in place for the city of Deer Park.
- During the reporting period, the Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on March 22, 2019 from 12:00 pm to 4:00 pm. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs. Acetone was detected below the short-term AMCV near the ITC site.
- During the reporting period, EPA conducted handheld air monitoring on March 22, 2019 from 12:00 pm to 4:00 pm at three locations. No results above the detection limit have been observed.
- During the reporting period, EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 22, 2019 from 12:00 pm to 4:00 pm near the ITC site. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling found exceedances of the short-term AMCV for benzene. These exceedances of the short-term AMCV for benzene corresponded to the ITC site.

[illegible]

AIR MONITORING MAP
INTERCONTINENTAL TERMINALS
COMPANY FIVE
1940 INDEPENDENCE PARKWAY
LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD 19 - SPECIAL REPORT
 20220419 12:00 - 20220419 18:00

894.000.
Received: 4/27/08 Pkg: 000000000



State, Local and other Federal Agency Actions:

EPA Actions:

Notes:

Date: 3/22/2019

Watch Officer: Paige Delgado

Media Interest:

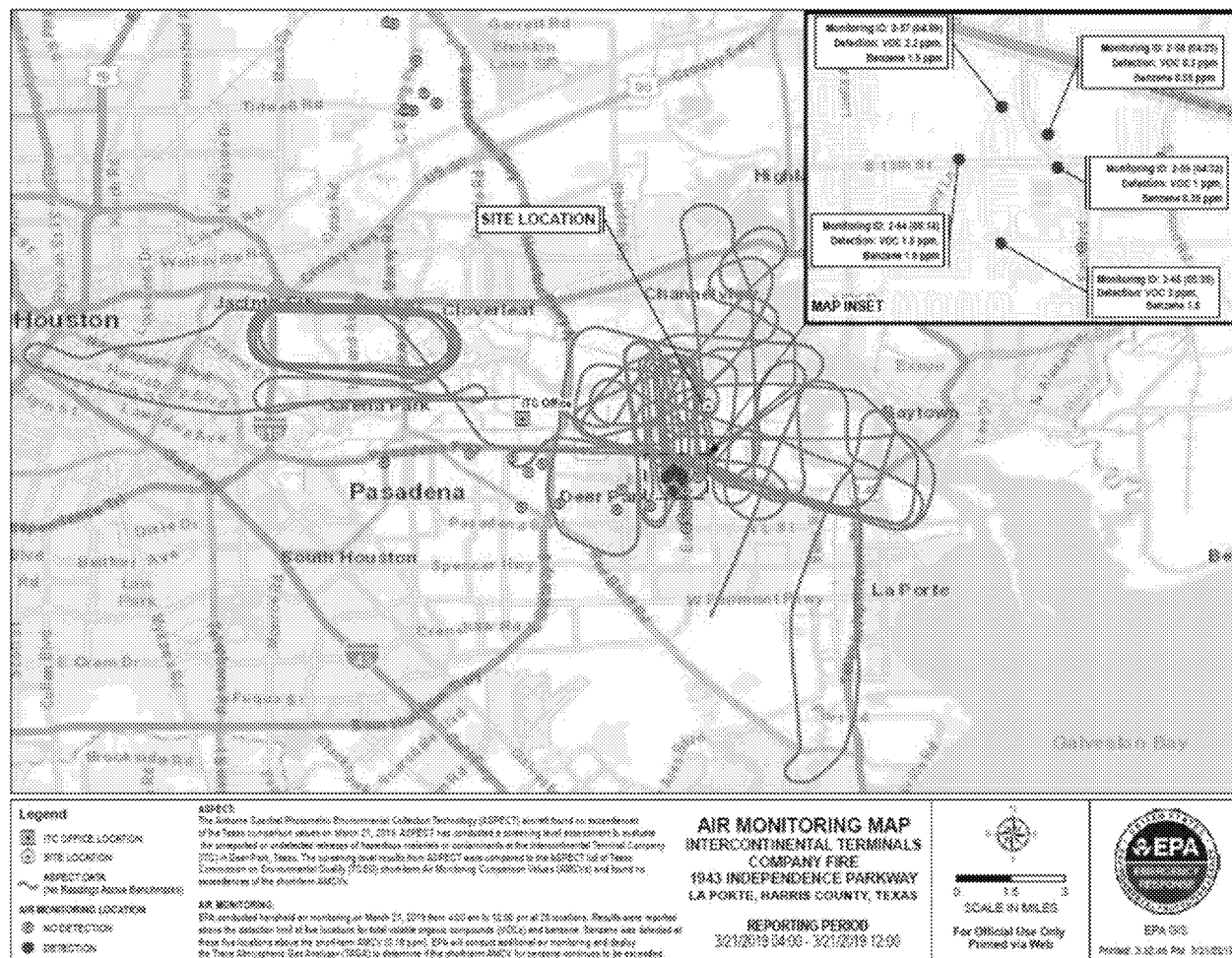
Event Title: Intercontinental Terminals Company (ITC) Fire

Overview: Intercontinental Terminals Company (ITC) Fire Morning Update
 Deer Park, Texas
 March 22, 2019 0400 – March 22, 2019 1200

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- A partial breach of the tank farm containment wall on the northeast side near Tank 80-7 at approximately 12:00 pm. A shelter in place has been placed for Industrial neighbors and the Battleship Texas and Monument State Park. At 12:49 pm, ITC notified the National Response Center that the

released material had been reached the Tucker bayou. Based on trajectory from National Oceanic and Atmospheric Administration (NOAA) oceanographer, if the released material from the containment area escapes the boom, based on the tidal cycle, the material will transport to the area of Lynchburg Ferry. In case of a flood tide, it will surge back into Buffalo Bayou.

- EPA water sampling was cancelled due to health and safety reasons upon learning of the breach in the secondary containment.
- Foam continues to be applied to the secondary containment and tanks to reduce emissions and reignition of hot spots.
- ITC continues to take water samples every two hours at the ditch feeding into Tucker Bayou and send the samples to an outside laboratory for analysis. The laboratory analytical results are pending.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on March 22, 2019. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the ITC in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs.
- EPA conducted handheld air monitoring from March 22, 2019 from 4:00 am to 12:00 pm at 11 locations. No results above the detection limit have been observed.
- ITC continued air monitoring in the communities around the facility. By 12:00 on March 22, 2019, ITC had taken 1684 VOC readings/60 detections, as well as 1170 benzene readings/56 detections.
- ITC developed a preliminary waste management plan for the final disposition of the materials within the tanks and secondary containment.
- A Rapid Assessment Team (RAT) comprised of ITC, TCEQ, and USCG representatives started visually assessing and documenting the extent of the release along the bayou in the morning. The assessment was cancelled due to health and safety reasons upon learning of the breach in the secondary containment.



State, Local and other Federal Agency Actions:

EPA Actions:

Notes:

HQ Spot Reports

Date: 3/22/2019

Watch Officer: Jonathan Pettit Media Interest: High HQ Status: Open

Event Title: EOC Spot Report Update #6: Region 6, Fire at International Terminal Corporation, Deer Park, TX

Overview: On March 17th, Region 6 was notified about the fire at International Terminal Corporation (ITC) in Deer Park, Houston TX. A tank containing naphtha caught on fire. The total capacity of the tank is 80,000 barrels. Fire operations to prevent reignition are ongoing. The PRP will initiate sampling of all brands of foam used during the response to determine if any contained PFOS and PFOA. Water sampling operations are ongoing with additional sampling for PFOS and PFOA and other

contaminants which began on March 21st.

The City of Deer Park lifted the community shelter-in-place at 12:00pm on March 21st.

State, Local and other Federal Agency Actions:

Texas Commission on Environmental Quality (TCEQ) is on scene. The PRP has contracted with an incident management team to help manage the incident. The contractor will mobilize additional resources (skimmers, vac trucks, and frac tanks) to conduct cleanup operations at the Tucker and Buffalo Bayou. USCG personnel are participating in Unified Command, focusing on water operations in Tucker Bayou (booming and skimming of foam).

The PRP is currently working on a plan for managing the water in the secondary containment once the fire operations have ceased.

EPA Actions:

EPA and START mobilized on March 17th and entered Unified Command with TCEQ, Harris County Pollution Control Services Department (HCPCS), and ITC.

On March 22nd, ASPECT continues to provide airborne sensing. EPA conducted handheld air monitoring on March 21, 2019, from 4:00 am to 12:00 pm at 28 locations. Results were reported above the detection limit at 5 locations for total volatile organic compounds (VOCs) and benzene. The Trace Atmospheric Gas Analyzer (TAGA) bus is on site.

EPA opened an Federal Project Number for \$50,000 to fund assistance received from NOAA Scientific Support Coordinator.

Notes:

<https://www.chron.com/news/houston-texas/houston/article/Shelter-in-place-for-Deer-Park-plant-fire-13705401.php>

Exercises

No exercises for this reporting period